From: Labiosa, Rochelle [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=DED3654216C9461D95CD5A3CEEC507EF-LABIOSA, ROCHELLE]

Sent: 8/8/2015 12:26:54 AM

To: Brown, Cheryl A. [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=dd6f8a562924439aaf97ca98ddaf1e10-Brown, Cheryl]; Cox, Michael

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=cddd6a5bb3c2477183799ef56cdb464f-Cox, Michael]; Cope, Ben

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=497efadd936e4d378225116b8f50fd3f-Cope, Ben]; Fullagar, Jill

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=7ba061353c314b40a14a8be1ee382ae3-Gable, Jill]; Reichgott, Christine

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=2d5631654c3840f48f71c2457d8fb2ac-Reichgott, Teena]; Szelag, Matthew

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=f1e48230d96943f8acb72810e32ce8d6-Szelag, Matthew]

Subject: RE: Overview of Bednarsek paper and more recent presentation (attached) RE: Recent paper relevant to OA

Deliberative Process / Ex. 5

Rochelle Labiosa, Ph.D.
Office of Water and Watersheds
US EPA, Region 10
1200 Sixth Avenue, Suite 900, MC: OWW-191
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Ph: 206.553.1172 Fax: (206) 553-0165

From: Brown, Cheryl A.

Sent: Friday, August 07, 2015 4:32 PM

To: Labiosa, Rochelle; Cox, Michael; Cope, Ben; Fullagar, Jill; Reichgott, Christine; Szelag, Matthew

Subject: RE: Overview of Bednarsek paper and more recent presentation (attached) RE: Recent paper relevant to OA

On this same topic, does everyone have the Busch pteropoda paper (see attachment)?

<< File: Busch et al 2014 Shell condition and survival of Puget Sound pteropods.pdf >>

I'll read Rochelle's email more closely next week. Trying to finish revisions on a manuscript.

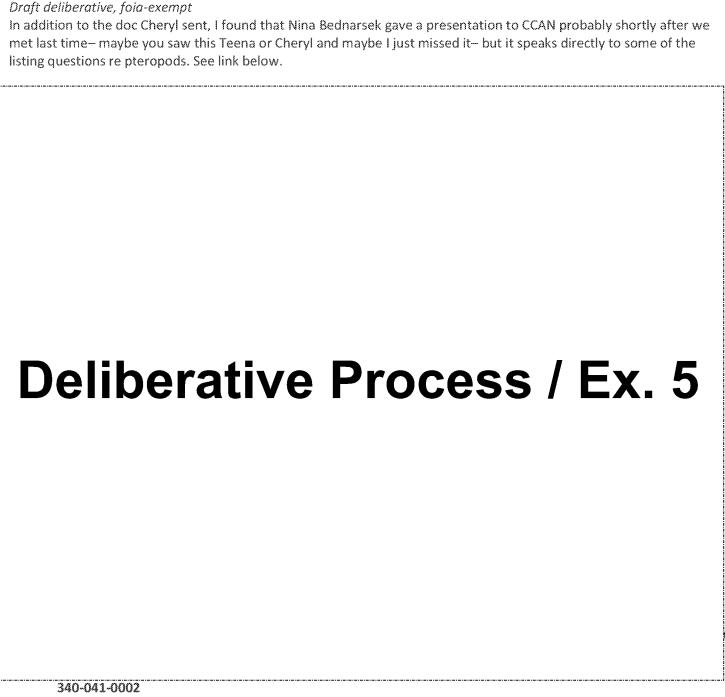
Have a great weekend, Cheryl

From: Labiosa, Rochelle

Sent: Friday, August 07, 2015 4:22 PM

To: Brown, Cheryl A.; Cox, Michael; Cope, Ben; Fullagar, Jill; Reichgott, Christine; Szelag, Matthew

Subject: Overview of Bednarsek paper and more recent presentation (attached) RE: Recent paper relevant to OA



Definitions

(50) "Resident Biological Community" means aquatic life expected to exist in a particular habitat when water quality standards for a specific ecoregion, basin or water body are met. This must be established by accepted biomonitoring techniques.

(75) "Without Detrimental Changes in the Resident Biological Community" means no loss of ecological integrity when compared to natural conditions at an appropriate reference site or region.

340-041-0007

Statewide Narrative Criteria

(10) The creation of tastes or odors or toxic or other conditions that are deleterious to fish or other aquatic life or affect the potability of drinking water or the palatability of fish or shellfish may not be allowed;

340-041-0011

Biocriteria

Waters of the State must be of sufficient quality to support aquatic species without detrimental changes in the resident biological communities.

<< File: BenarsekN_CCAN OAR_5-27-15.pdf >>

http://c-can.msi.ucsb.edu/workshops/c-can-oar-27-may-2015/BenarsekN_CCAN%20OAR_5-27-15.pdf/view

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From: Brown, Cheryl A.

Sent: Tuesday, August 04, 2015 3:12 PM

To: Cox, Michael; Cope, Ben; Labiosa, Rochelle; Fullagar, Jill; Reichgott, Christine; Szelag, Matthew

Subject: Recent paper relevant to OA

I just wanted to make sure that everyone has this recent paper by George Waldbusser. The organism used in the experiment were collected from the intertidal zone in Oregon. Seems like a relevant paper, esp that they fully describe their experiments in carbonate chemistry space (ph, CO2, arag sat state).

Cheryl

<< File: Waldbusser et al 2015 Ocean acidification has multiple modes of action on bivalve larvae.pdf >>